



Introduction to BEPA and the Batt4EU Partnership

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What is the Batt4EU Partnership?

A co-programmed Partnership for batteries under Horizon Europe

Batt4EU calls are open to all (to BEPA members and to non-members)

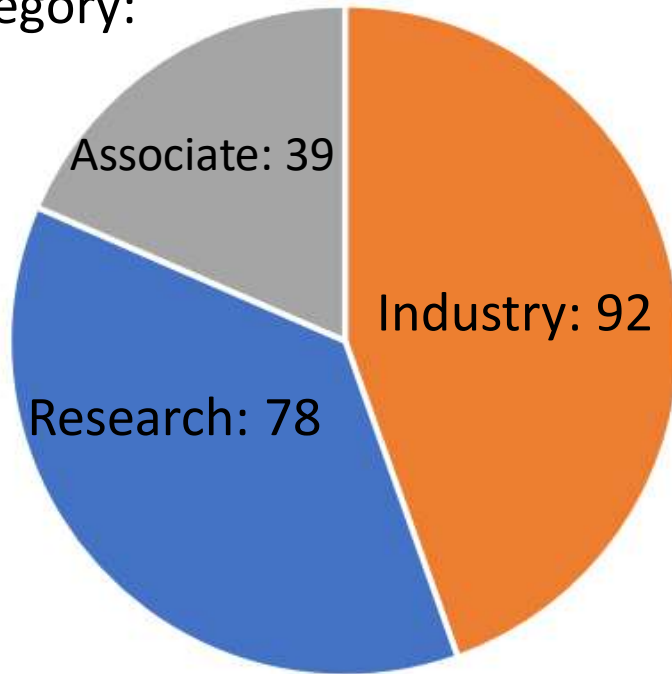
A co-programmed Partnership under Horizon Europe which gathers – on the public side – **the European Commission**, and - on the private-side – **the Batteries European Partnerships Association (BEPA)** bringing together all the European battery stakeholders interested to get involved in Horizon Europe.



BEPA Network Connecting Research and Industry in EU

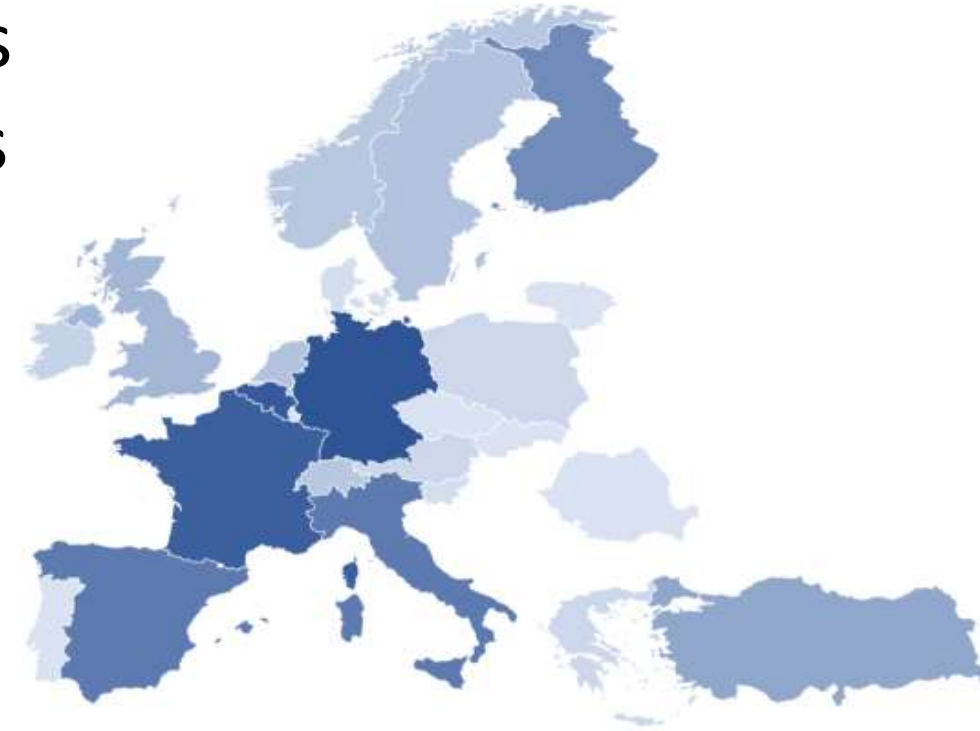
- Gathering stakeholders from Industry, RTOs and Universities, and trade associations;
- Aligning the battery industry of the EU towards common goals and understanding

By category:



209 Members
25 Countries

Geographic distribution of BEPA members



Batt4EU objectives

Specific objectives



Support the development of **differentiating technologies in battery materials, cell design and manufacturing and battery recycling**, leading to demonstrations of new chemistries, cells, production lines and proof of concept of recycling logistics and methods



Accelerate the development and deployment of **sustainable and affordable battery solutions for clean mobility**, by building a strong innovation ecosystem with downstream partnerships leading to joint demonstrations in different transport modes



Enable a **cost-effective integration of renewable energy sources in the power grid**, by developing affordable batteries for stationary energy storage applications, leading to demonstrations of different scales of storage systems

Topic objectives: Hybrid storage solutions

Specific objectives

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Hybrid electric energy storage solutions for grid support and charging infrastructure

Discussions with experts in the development of this topic centred on 2 main points :

- Energy islands: i.e. standalone grids, Areas where demand exceeds supply or is mismatched, relieving grid congestion, assisting grid formation, actual islands
- Accommodating EV charging infrastructure, enabling multi-service solutions

Aimed at combining different battery technologies and other electrochemical storage technologies

How can BEPA help?

Take advantage of the BEPA network

The full list of BEPA members can be found on our website: <https://bepassociation.eu/>

- Membership → BEPA members
- Divided by Industry, Research, or Association

We can act as a go-between between the members of BEPA and Indian companies interested in collaboration

- If you find a company that you would like to collaborate with for this project, we can put you in touch with the relevant contact